Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1502670

Luminaire Tested: GSS-SB1B-830-U-T4LG-HSS

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502670
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1B-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 40W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3715.5 lumens
Efficiency:	N/A
Efficacy:	92.9 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

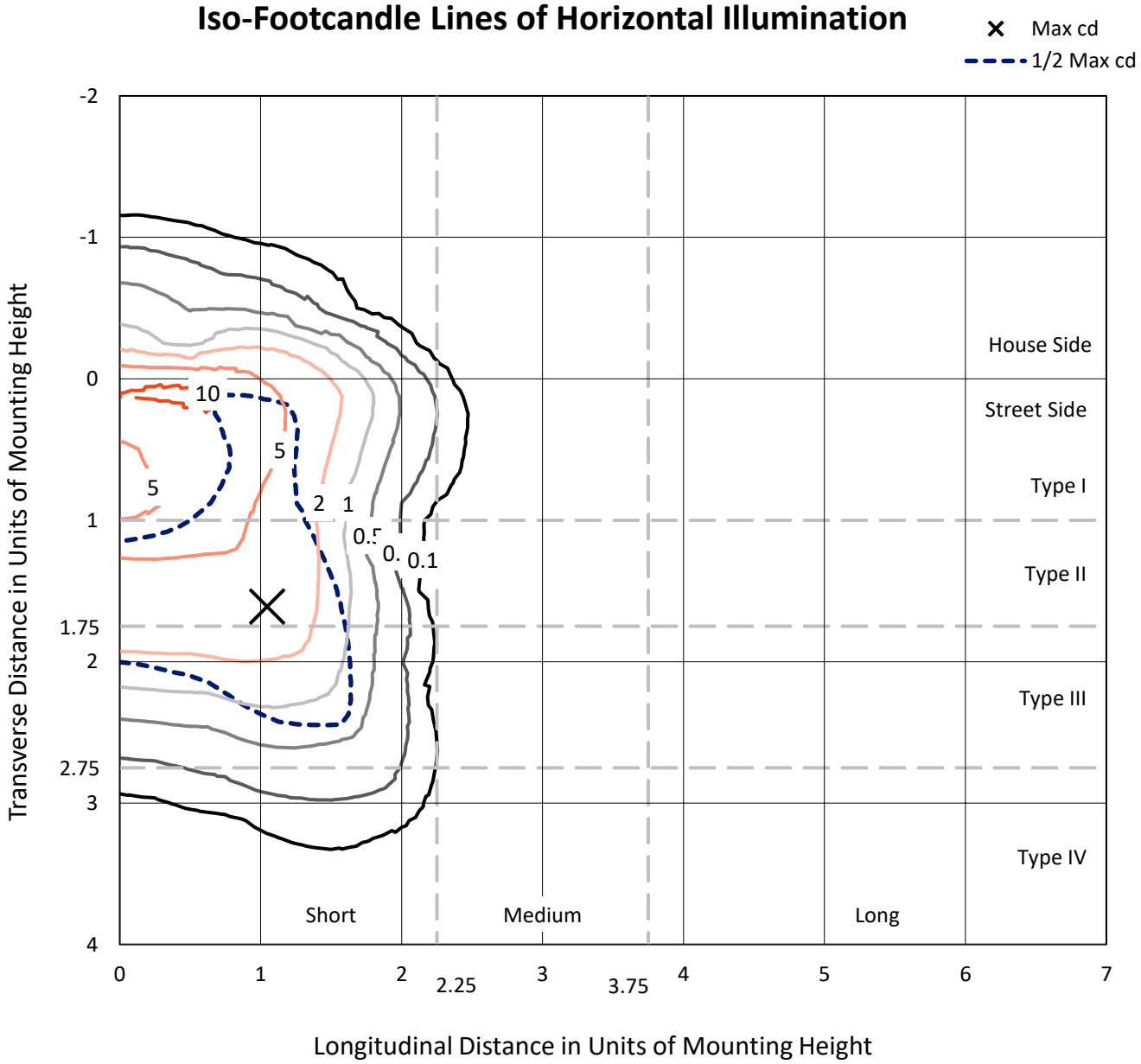
Input Watts (W):	40
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	5.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502670
CATALOG NUMBER: GSS-SB1B-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



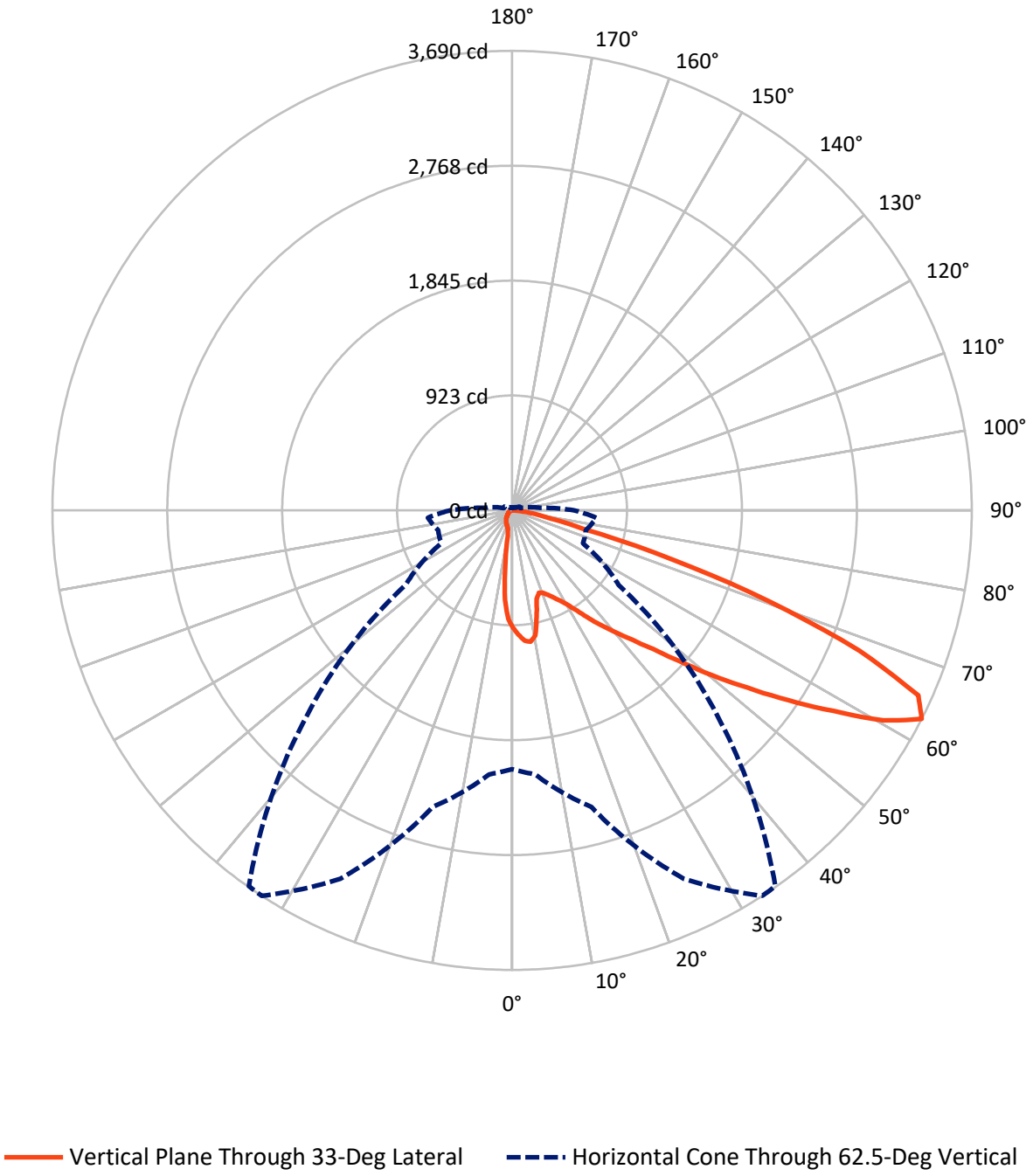
Based on 10 foot mounting height. Maximum calculated value = 11.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1502670
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Luminous Intensity Polar Plot



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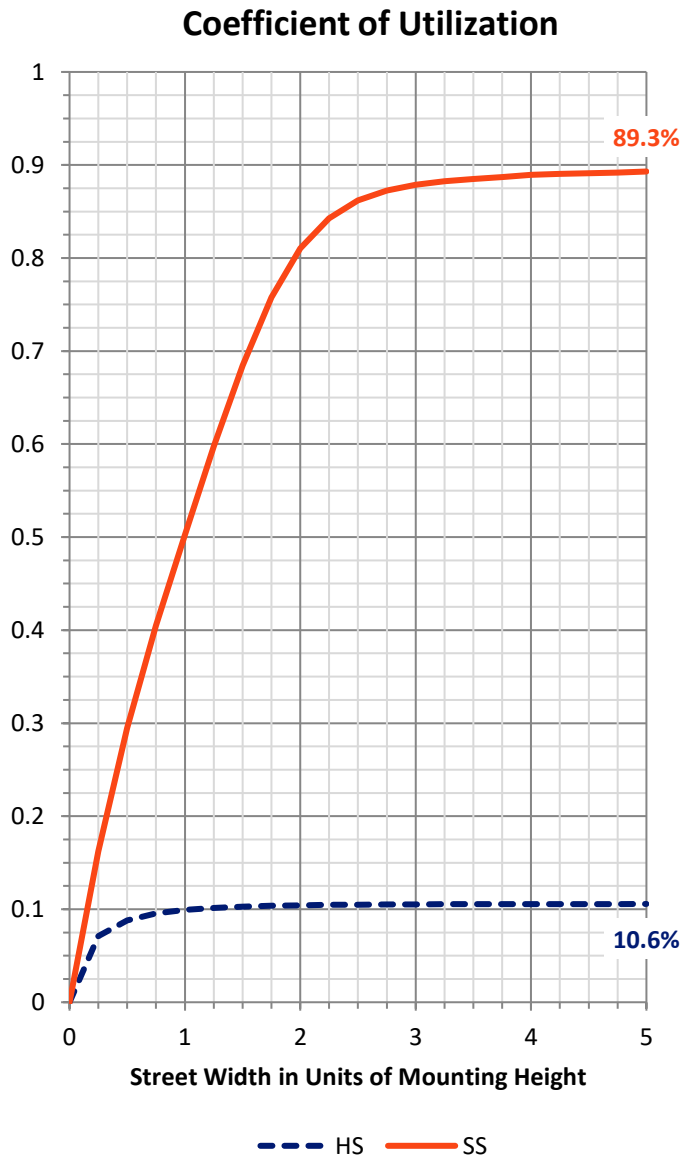
REPORT NUMBER: P1502670
CATALOG NUMBER: GSS-SB1B-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	395.3	0.0	395.3
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	3320.2	0.0	3320.2
	% Fixture	89.4	0.0	89.4
Total	Lumens	3715.5	0.0	3715.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.2	2.2
10°-20°	179.1	4.8
20°-30°	288.6	7.8
30°-40°	480.1	12.9
40°-50°	758.8	20.4
50°-60°	1019.4	27.4
60°-70°	748.4	20.1
70°-80°	148.1	4.0
80°-90°	12.9	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3715.5	100.0
0°-180°	3715.5	100.0



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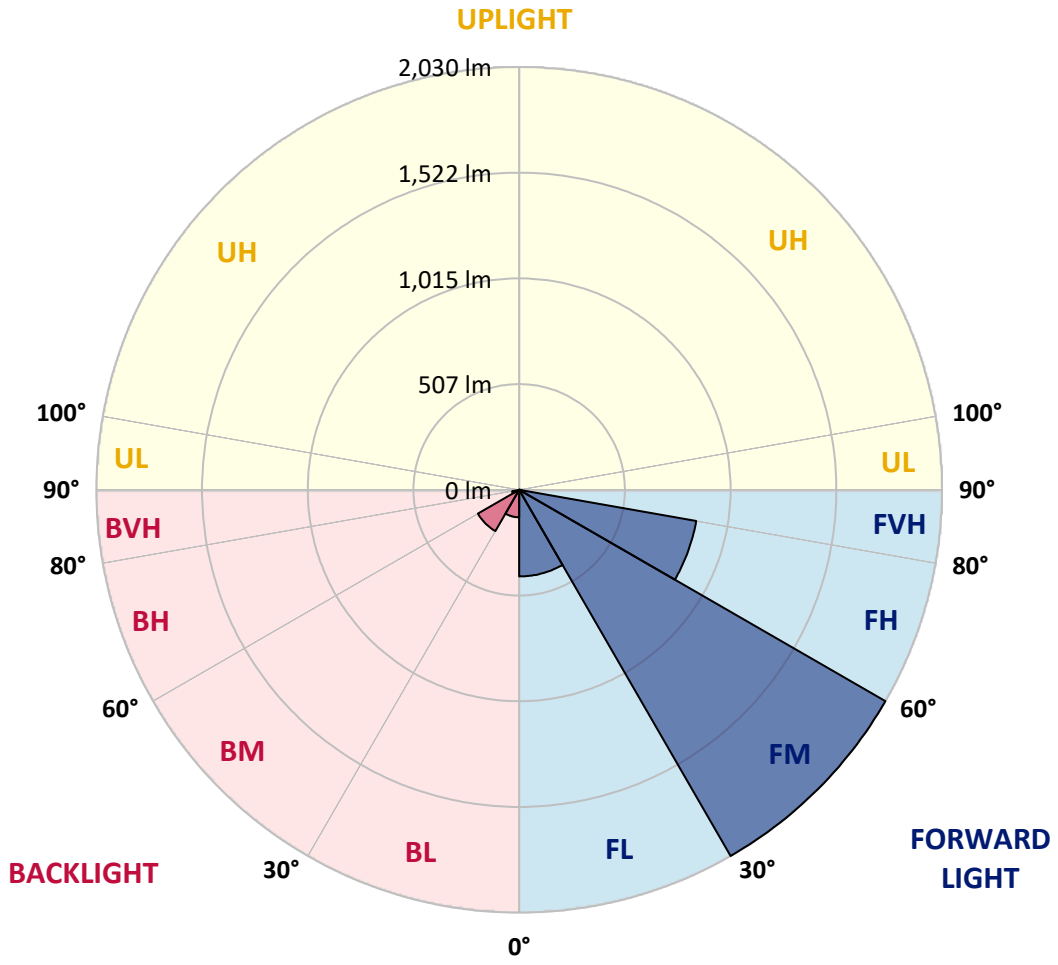
Scaled Data Report

REPORT NUMBER: P1502670
CATALOG NUMBER: GSS-SB1B-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	416.0	11.2			
FM	(30°-60°)	2029.6	54.6			
FH	(60°-80°)	862.7	23.2			G1/1800
FVH	(80°-90°)	11.9	0.3			G1/100
BL	(0°-30°)	131.9	3.6	B1/500		
BM	(30°-60°)	228.7	6.2	B1/1000		
BH	(60°-80°)	33.8	0.9	B0/110		G0/110
BVH	(80°-90°)	1.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	943.8	943.8	943.8	943.8	*943.8*	943.8	943.8	943.8	943.8	943.8	943.8
2.5°	1005.5	1009.7	1009.7	1001.3	*999.3*	995.1	990.9	989.8	976.2	965.8	955.3
5°	1056.8	1055.8	1054.7	1050.5	*1051.6*	1046.3	1043.2	1038.0	1014.9	999.3	971.0
7.5°	1034.8	1044.2	1048.4	1059.9	*1065.2*	1064.1	1072.5	1074.6	1054.7	1032.7	989.8
10°	891.5	886.2	923.9	973.1	*1022.3*	1033.8	1078.8	1102.8	1095.5	1075.6	1020.2
12.5°	706.3	711.5	737.7	795.2	*875.8*	900.9	1030.6	1125.9	1146.8	1134.2	1062.0
15°	646.6	646.6	660.2	687.4	*735.6*	759.6	919.7	1122.7	1201.2	1202.2	1114.3
17.5°	634.1	636.2	647.7	665.5	*696.9*	707.3	819.3	1076.7	1254.6	1273.4	1172.9
20°	636.2	639.3	651.9	677.0	*707.3*	719.9	793.1	1018.1	1299.6	1350.8	1234.7
22.5°	643.5	642.5	664.4	697.9	*736.6*	748.1	815.1	994.0	1337.2	1439.8	1306.9
25°	651.9	652.9	681.2	728.3	*775.3*	788.9	864.3	1016.0	1364.4	1535.0	1380.1
27.5°	677.0	680.1	714.6	765.9	*821.4*	839.2	928.1	1073.5	1411.5	1627.1	1459.6
30°	715.7	718.8	758.6	820.3	*880.0*	907.2	1007.6	1145.7	1481.6	1733.8	1541.3
32.5°	760.7	764.9	816.1	887.3	*959.5*	985.7	1098.7	1255.6	1574.7	1842.6	1626.0
35°	817.2	828.7	884.2	968.9	*1066.2*	1091.3	1210.6	1380.1	1696.1	1939.9	1698.2
37.5°	894.6	904.0	972.0	1077.7	*1176.1*	1209.6	1336.2	1510.9	1806.0	2026.8	1756.8
40°	988.8	997.2	1073.5	1188.6	*1291.2*	1319.4	1468.0	1642.8	1924.2	2074.9	1769.4
42.5°	1145.7	1168.8	1216.9	1314.2	*1424.1*	1459.6	1614.5	1770.4	2010.0	2084.3	1749.5
45°	1419.9	1427.2	1437.7	1483.7	*1589.4*	1620.8	1769.4	1881.3	2061.3	2086.4	1731.7
47.5°	1682.5	1707.6	1722.3	1743.2	*1807.0*	1818.5	1931.5	1980.7	2102.1	2079.1	1731.7
50°	1945.1	1964.0	1989.1	2014.2	*2082.2*	2086.4	2103.1	2047.7	2104.2	2019.4	1721.2
52.5°	2183.7	2190.0	2232.9	2281.0	*2365.8*	2388.8	2262.2	2096.9	1977.6	1831.1	1672.0
55°	2397.2	2405.5	2470.4	2568.8	*2690.1*	2720.5	2456.8	2001.6	1706.6	1587.3	1558.0
57.5°	2535.3	2555.2	2684.9	2901.5	*3038.6*	3025.0	2607.5	1778.8	1370.7	1298.5	1356.1
60°	2466.2	2493.4	2766.5	3180.9	*3424.7*	3384.9	2565.6	1463.8	1012.9	960.5	1073.5
62.5°	*2078.0*	*2128.3*	*2466.2*	*3263.5*	*3690.4*	*3684.2*	*2329.1*	*1044.2*	*627.8*	*614.2*	*678.0*
65°	1445.0	1531.8	1932.6	2987.3	*3583.7*	3593.1	1960.8	607.9	290.9	361.0	396.6
67.5°	851.7	913.5	1245.1	2439.0	*3007.2*	2920.3	1333.0	281.5	145.4	219.7	210.3
70°	374.6	416.4	713.6	1689.8	*2191.0*	2050.8	650.8	137.1	110.9	132.9	116.1
72.5°	206.1	225.0	375.6	892.5	*1333.0*	1267.1	219.7	91.0	95.2	99.4	83.7
75°	115.1	123.5	197.8	515.8	*585.9*	545.1	106.7	59.6	80.6	80.6	61.7
77.5°	67.0	74.3	123.5	321.2	*321.2*	259.5	64.9	37.7	60.7	54.4	33.5
80°	31.4	35.6	68.0	177.9	*203.0*	167.4	36.6	26.2	39.8	34.5	22.0
82.5°	9.4	11.5	33.5	69.1	*115.1*	98.4	18.8	16.7	29.3	22.0	12.6
85°	6.3	7.3	16.7	28.3	*56.5*	49.2	6.3	5.2	12.6	10.5	5.2
87.5°	1.0	1.0	2.1	2.1	*2.1*	2.1	1.0	1.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1502670
CATALOG NUMBER: GSS-SB1B-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8	943.8
2.5°	949.0	941.7	925.0	909.3	900.9	882.1	874.7	866.4	862.2	861.1	854.9
5°	953.2	939.6	897.8	855.9	812.0	770.1	727.2	689.5	659.2	660.2	661.3
7.5°	965.8	938.6	865.3	781.6	687.4	578.6	462.5	375.6	320.2	308.7	298.2
10°	982.5	942.8	825.6	670.7	485.5	305.5	215.5	184.2	170.6	167.4	168.5
12.5°	1013.9	953.2	775.3	517.9	268.9	175.8	155.9	150.7	148.6	148.6	148.6
15°	1052.6	967.9	696.9	339.0	175.8	146.5	142.3	141.3	139.2	139.2	140.2
17.5°	1085.1	967.9	593.3	220.8	144.4	136.0	132.9	131.8	131.8	132.9	131.8
20°	1120.6	960.5	477.1	166.4	133.9	126.6	124.5	124.5	124.5	125.6	125.6
22.5°	1157.2	948.0	369.4	142.3	124.5	118.2	117.2	118.2	119.3	120.3	120.3
25°	1198.1	932.3	291.9	131.8	116.1	110.9	110.9	110.9	112.0	114.1	115.1
27.5°	1243.0	918.7	250.1	125.6	108.8	103.6	103.6	104.6	106.7	107.8	108.8
30°	1284.9	918.7	236.5	128.7	105.7	99.4	97.3	98.4	100.4	102.5	102.5
32.5°	1337.2	929.1	243.8	142.3	104.6	93.1	91.0	91.0	93.1	94.2	94.2
35°	1381.2	949.0	268.9	161.1	108.8	87.9	83.7	82.7	84.8	83.7	84.8
37.5°	1416.7	976.2	314.9	186.2	117.2	81.6	76.4	73.2	73.2	73.2	73.2
40°	1427.2	1003.4	373.5	203.0	116.1	74.3	67.0	63.8	62.8	61.7	61.7
42.5°	1412.6	1016.0	420.6	201.9	103.6	69.1	59.6	55.5	52.3	51.3	51.3
45°	1401.0	1022.3	437.4	175.8	94.2	62.8	53.4	48.1	45.0	43.9	42.9
47.5°	1402.1	1028.6	412.3	143.3	85.8	57.5	48.1	42.9	39.8	38.7	37.7
50°	1406.3	1018.1	349.5	119.3	78.5	52.3	42.9	38.7	35.6	34.5	33.5
52.5°	1362.3	962.6	245.9	104.6	72.2	49.2	38.7	35.6	32.4	31.4	31.4
55°	1247.2	829.7	166.4	93.1	67.0	45.0	35.6	33.5	30.3	28.3	28.3
57.5°	1063.1	625.7	115.1	84.8	58.6	40.8	33.5	30.3	27.2	25.1	25.1
60°	813.0	408.1	83.7	77.4	48.1	37.7	31.4	29.3	25.1	23.0	22.0
62.5°	*494.9*	*229.1*	*68.0*	*68.0*	*40.8*	*35.6*	*28.3*	*26.2*	*22.0*	*18.8*	*17.8*
65°	286.7	135.0	55.5	57.5	35.6	32.4	25.1	22.0	17.8	14.6	13.6
67.5°	138.1	78.5	43.9	40.8	31.4	27.2	22.0	18.8	15.7	12.6	11.5
70°	84.8	60.7	33.5	29.3	25.1	20.9	17.8	16.7	13.6	10.5	10.5
72.5°	69.1	49.2	26.2	20.9	18.8	14.6	14.6	13.6	10.5	8.4	7.3
75°	54.4	36.6	19.9	14.6	11.5	11.5	10.5	9.4	8.4	6.3	6.3
77.5°	29.3	25.1	14.6	8.4	6.3	7.3	7.3	6.3	5.2	4.2	4.2
80°	18.8	14.6	8.4	4.2	4.2	4.2	4.2	3.1	3.1	2.1	2.1
82.5°	9.4	7.3	4.2	1.0	2.1	2.1	2.1	2.1	2.1	1.0	1.0
85°	2.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

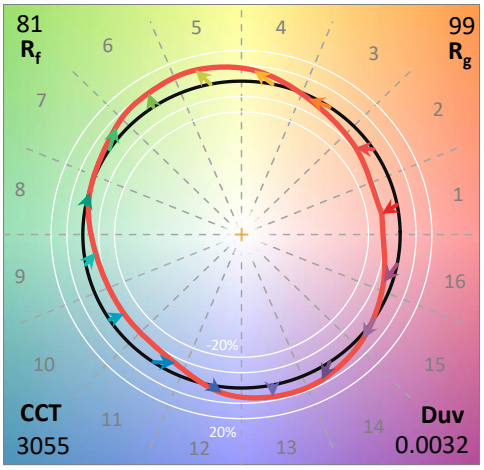
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

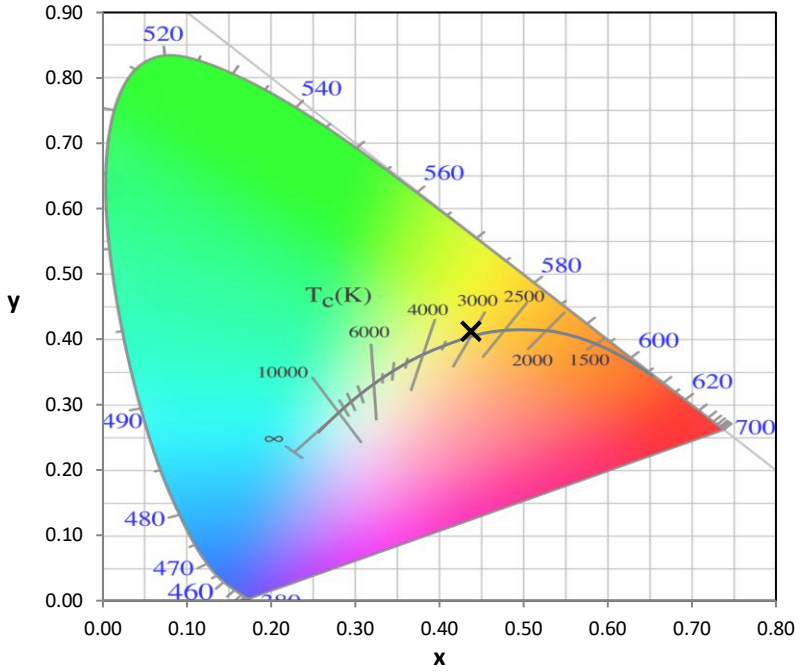
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

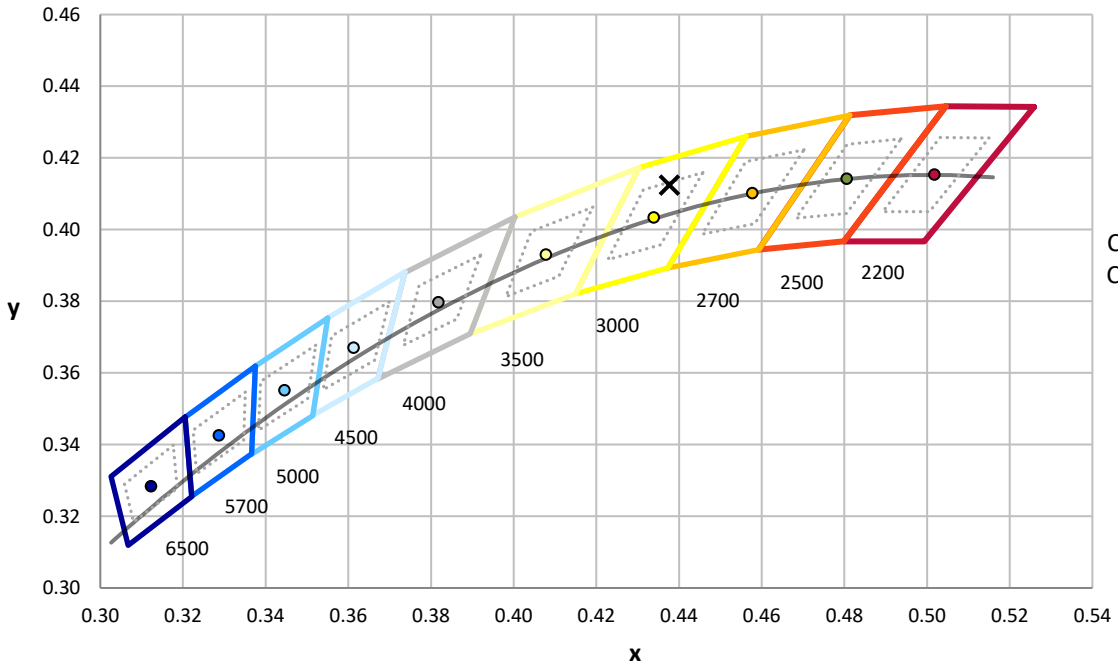
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

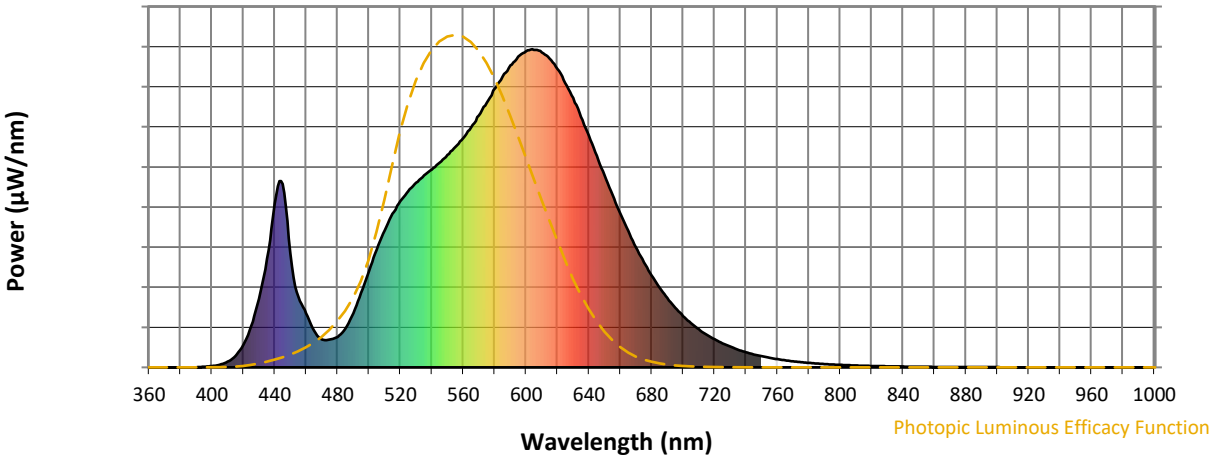


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

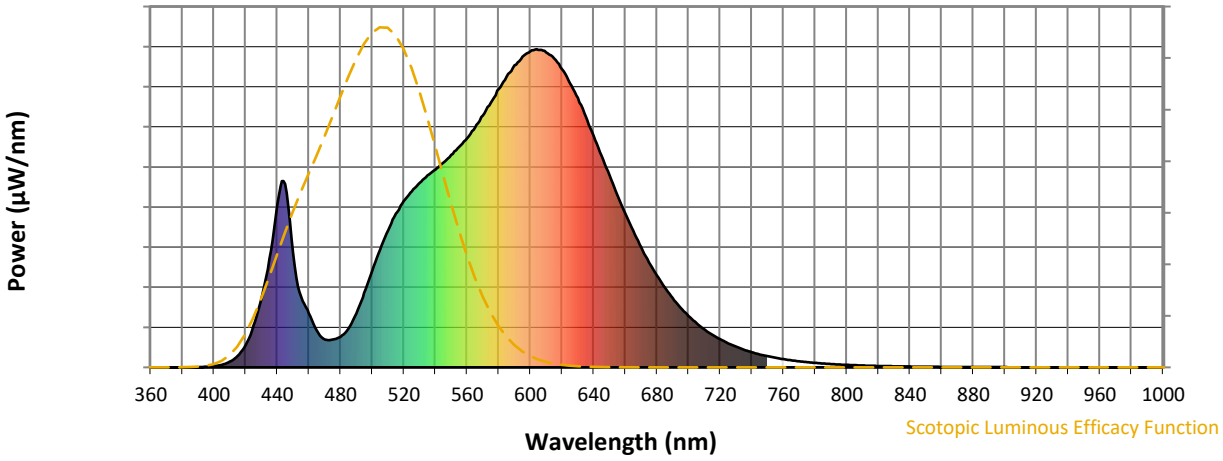


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

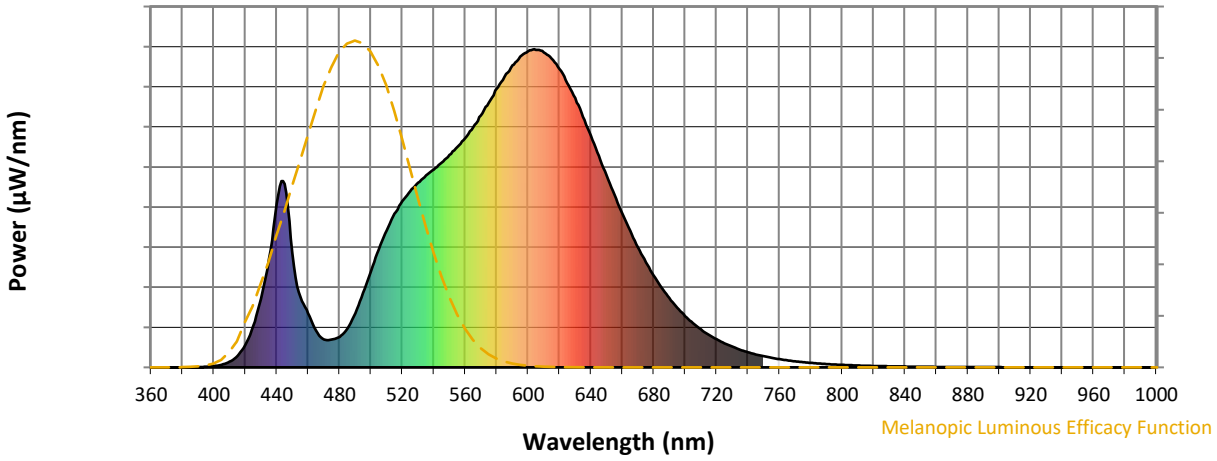


Scotopic Lumens: NR **S/P: 1.28**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

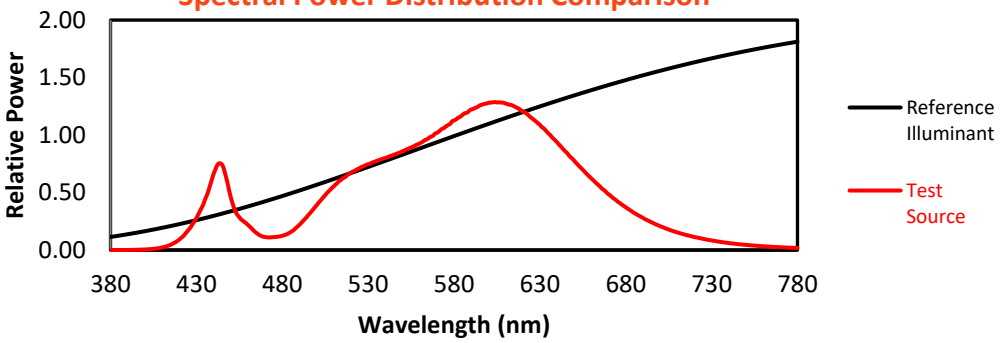
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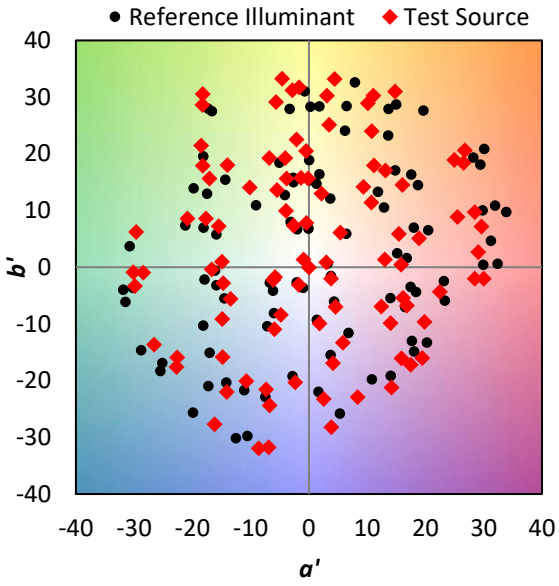
Summary

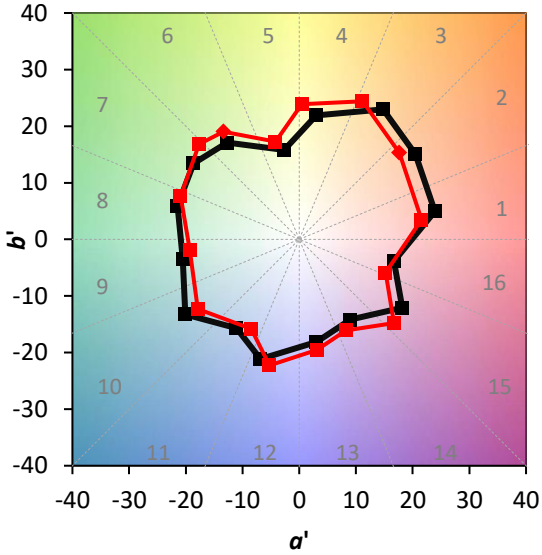
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

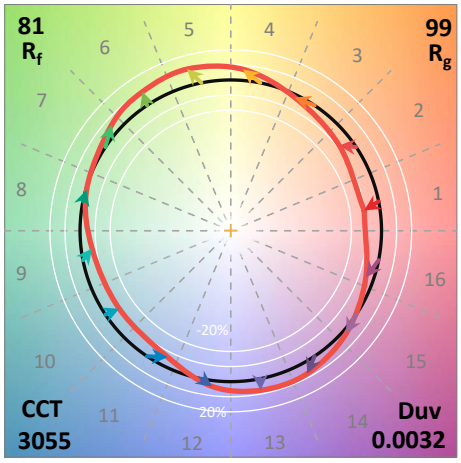
Spectral Power Distribution Comparison

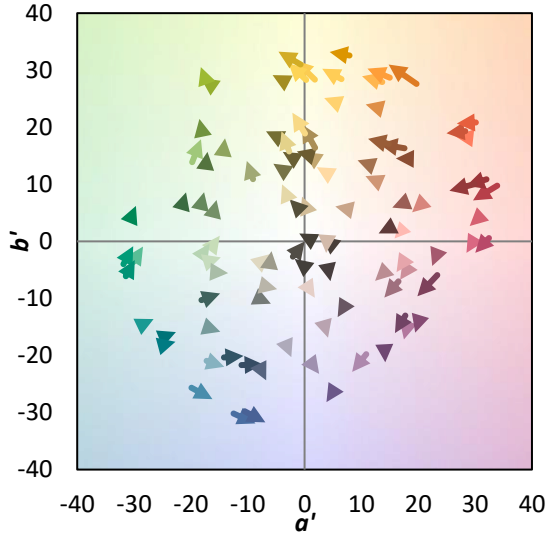


Color Vector Graphics







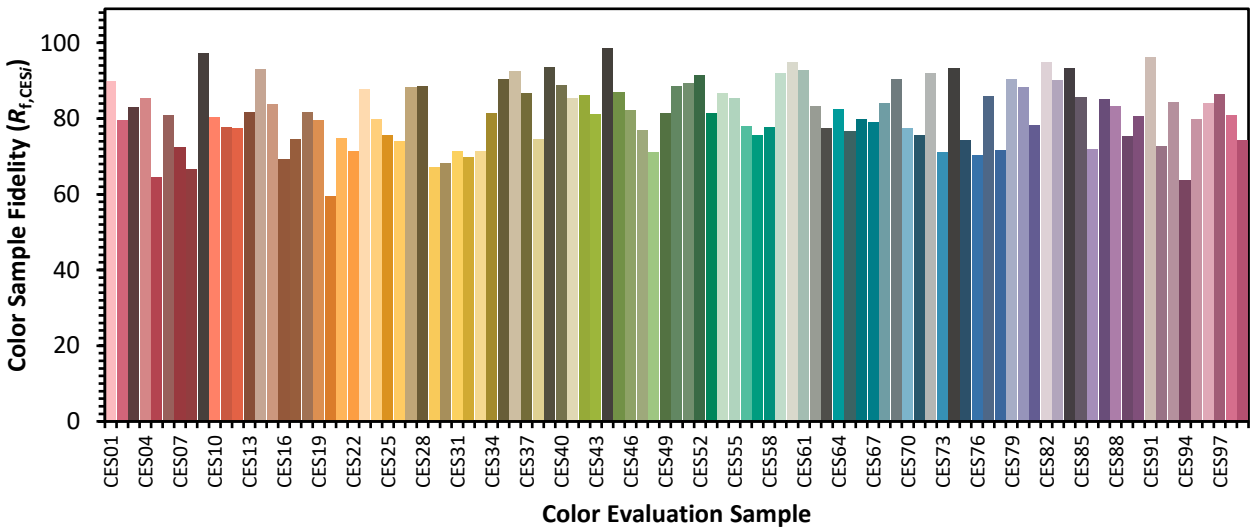


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Individual Sample Fidelity Index ($R_{f,i}$)

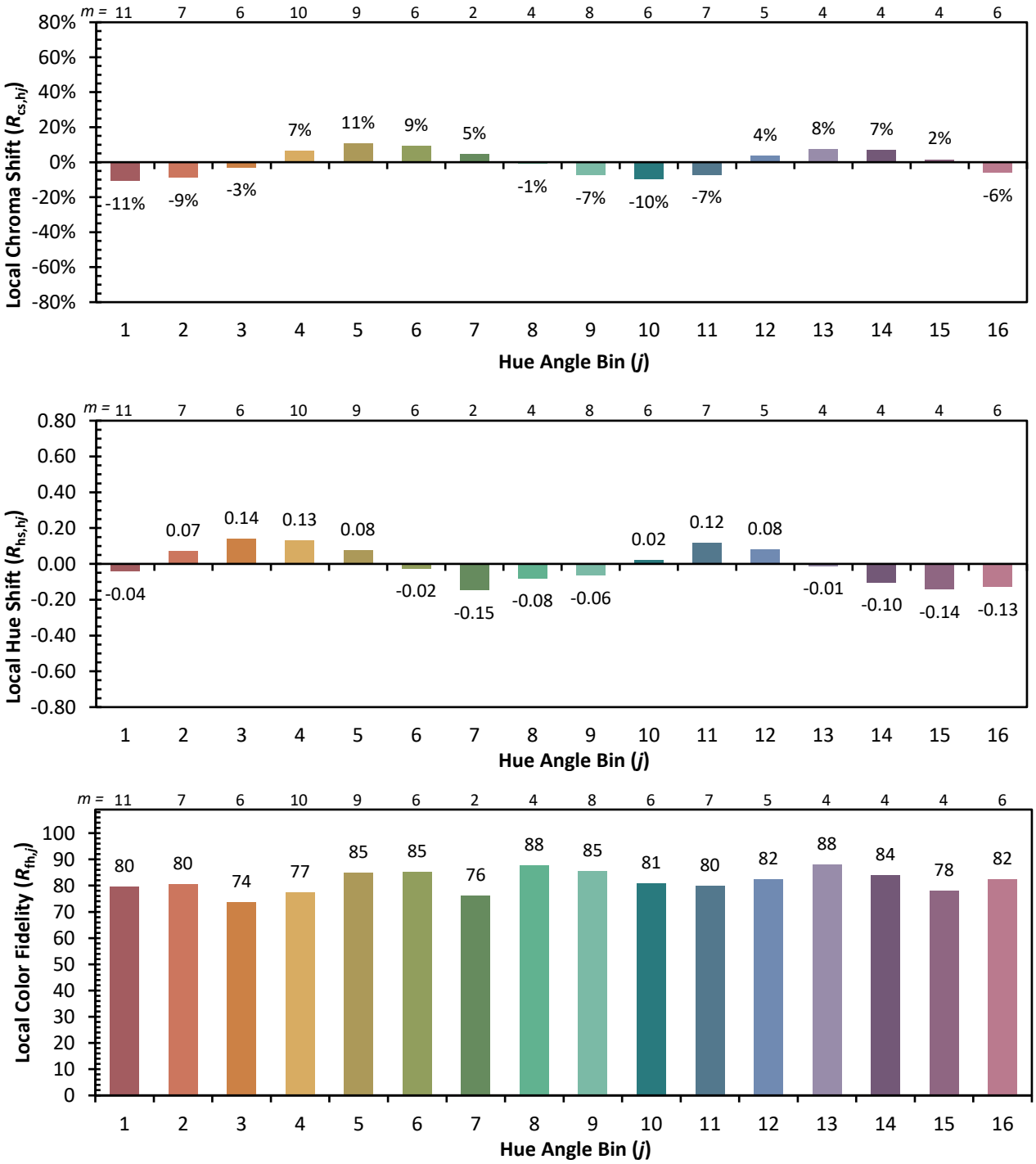
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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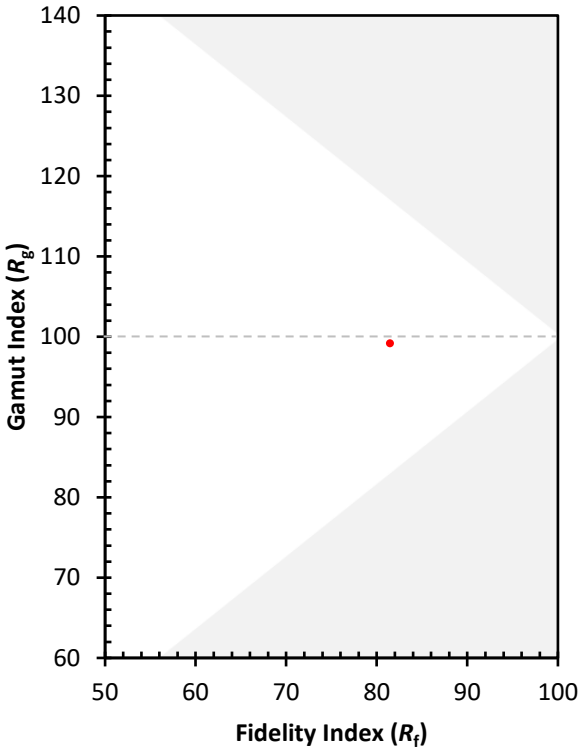
Color Rendition by Hue-Angle Bin

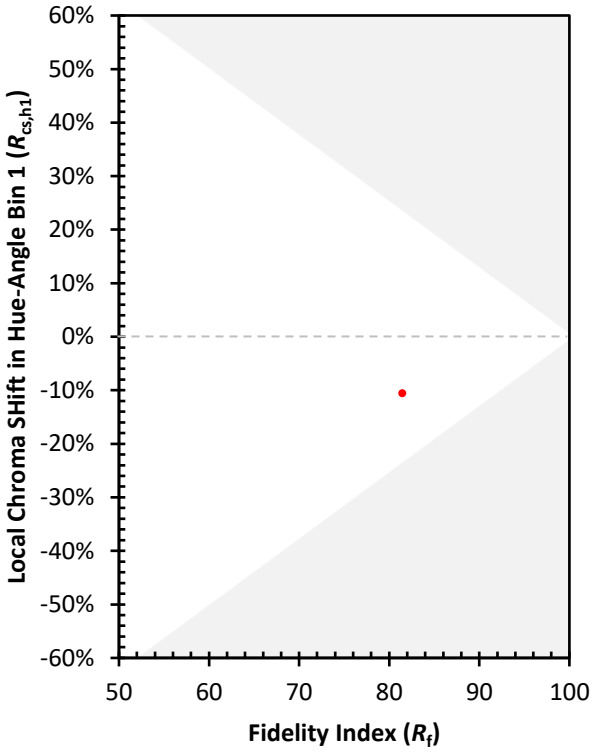


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Measure Comparisons





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